

THE MEGALOPYGID GENUS *TROSIA*, WITH DESCRIPTION OF A NEW SPECIES.

BY HARRISON G. DYAR.

Genus *Trosia* Hübner.

1822—*Trosia* HÜBNER, Verz. bek. Schmett. 196.

1855—*Sciathos* WALKER, Cat. Brit. Mus. III, 752.

1856—*Edepressa* WALKER, Cat. Brit. Mus. VII, 1755.

1874—*Isochroma* FELDER, Reise Novara, Lep. IV, pl. 83.

Kirby calls this genus *Sciathos* in the catalogue, omitting Hübner's term. Druce and others also neglect *Trosia*, perhaps from a prejudice against the Verzeichniss names. In the following, species succeeded by a dash are unknown to me, except by description and are referred to this genus on the authority of the authors quoted.

SYNOPSIS OF SPECIES.

Thorax and abdomen discolorous, thorax in part white, abdomen bright red.

Thorax without black marks.

Costa broadly red; wings in part pure white, at least in a stripe next the red margin.....1. **tricolora** Fab.

Costa very narrowly red; wings without any pure white.

2. **obsolescens** Dyar

Thorax with a black band in front and on each side. 3. **purens** Walk.

Thorax and abdomen concolorous, abdomen not bright red.

Costal margin red; a transverse row of black dots. 4. **diamas** Cram.

Fore wings without marks, uniformly ochraceous.....5. **ribbei** Druce.

1. *T. tricolora* Fab.

1787—*Bombyx tricolora* FABRICIUS, Mant. Ins. II, 114.

1790—*Bombyx punctigera* STOLL, Pap. Exot. suppl. pl. 34, fig. 1 (nec Linn.).

1822—*Trosia tricolora* HÜBNER, Verz. bek. Schmett. 196.

1855—*Sciathos punctiger* WALKER, Cat. Brit. Mus. 752.

1856—*Sciathos punctiger* WALKER, Cat. Brit. Mus. VII, 1711.

1874—*Isochroma fallax* FELDER, Reise Novara, pl. 83, figs. 18, 19.

1887—*Sciathos punctigera* DRUCE, Biol. Cent.-Am. Lep. I, 212.

1892—*Sciathos punctigera* KIRBY, Cat. Lep. Het. I, 540.

Kirby makes this the *punctigera* of Linnæus (Syst. Nat., 509, no. 67), but the description does not coincide in the least with this species, either in structure, color or habitat.

2. *T. obsolescens*, sp. nov.

Head white in front, red on the vertex behind the antennæ and shading to red below

on the palpi. Thorax white above with six clusters of red hairs; abdomen red, white at tip. Fore wings uniformly pale ochreous, almost white, appearing pinkish from the red scales below; costa very narrowly red at base, dark ocher at apical portion. A straight row of eight small black spots between the veins beyond the middle of the wing, the sixth spot between veins 4 and 5, the seventh opposite the discal cross-vein and the eighth between vein 6 and the stalk of veins 7 to 10. Hind wings red, fringe ochreous. Below both wings as secondaries above; body largely white; coxae and femora red above, tibiae and tarsi ringed with black. Expanse, 27 mm.

Nearly allied to *T. tricolora* Fab., which is however an inhabitant of the tropical regions, whereas this comes from the Mexican plateau.

One male, Nogales, Koebele collector, August 15, 1898, U. S. Nat. Mus., type no. 4104. Nogales is a town on the border line between Arizona and Mexico.

3. *T. purens* Walk.

1856—*Edebessa purens* WALKER, Cat. Brit. Mus. VII, 1755.

1892—*Sciathos purens* KIRBY, Cat. Lep. Het. I, 540.

Sir G. F. Hampson has kindly examined Walker's types of the species for me and the generic characters correspond with *Trosia*.

4. *T. dimas* Cram. —

1775—*Bombyx dimas* CRAMER, Pap. Exot. I, pl. 59 C.

1822—*Trosia dimas* HÜBNER, Verz. bek. Schmett. 196.

1854—*Chrysauge dimas* WALKER, Cat. Brit. Mus. II, 375.

1892—*Idalus* (?) *dimas* KIRBY, Cat. Lep. Het. I, 198.

1894—*Sciathos dimas* DOGNIN, Lep. Loja. 173.

1897—*Sciathos dimas* DRUCE, Biol. Cent.-Am., Lep. Het., II, 440.

5. *T. ribbei* Druce. —

1898—*Sciathos ribbei* DRUCE, Biol. Cent.-Am. Lep. Het. II, 441, pl. 88, fig. 1.

NEW SPECIES OF SYNTOMIDÆ.

BY HARRISON G. DYAR.

Pseudapinconoma elegans Auriv. var. *curriei*, var. nov.

Under side of thorax entirely crimson, legs white, femora and basal half of hind tibiae crimson above; abdomen bluish gray, segmental black bands linear, the basal segments with orange hair and the lateral tufts orange; a dorsal series of crimson dots. Wings as in *elegans*, but the hyaline patches between veins 2 and 6 large and diffuse, reaching nearly to the termen, with ill defined outer border.

Two males, Mt. Coffee, Liberia (R. P. Currie). U. S. Nat. Mus., type no. 4247.